

INFOSYS CYBER
NEXT POWERED BY
ZSCALER -

PLATFORM POWERED
SERVICES



RE-IMAGINE CYBER RESILIENCE THROUGH AGENTIC AI FOR CYBER DEFENSE

The Vision: Real-Time Defense for the AI Era

The rapid rise of Agentic AI and intensifying geopolitical volatility have rendered legacy security models obsolete. When malicious AI agents can pivot from reconnaissance to data exfiltration in milliseconds, traditional platforms often collapse—triggering a cascade of disconnected alerts that overwhelm security teams.

Infosys Cyber Next, powered by Zscaler, is the industry's first AI-driven, platform-powered service designed to build cyber resilience. The platform enables us to deliver Cyber Services for Security


Operations, Continuous Threat Exposure (CTEM), Vulnerability Management, AI & Data Protection, GRC, Cloud Security, Infrastructure Security and Quantum Risks for our enterprise customers.

By deeply integrating Zscaler's unique cloud-native architecture into the Infosys Topaz Fabric, we move beyond legacy "bolt-on" security to deliver a unified, secure-by-design environment. This foundation enables enterprises to outpace modern threats with AI-powered precision.


The Enterprise Challenge: Overcoming Architectural Debt

We have reached a critical inflection point where the velocity of AI-driven attacks has outpaced traditional cyber platforms. Most organizations are hindered by "Architectural Debt"—attempting to


defend modern environments using outdated models. This structural mismatch creates five critical hurdles:




Weaponization of Agentic AI -
Attackers use AI to automate complex ransomware operations at scale.




Legacy Architectural Debt -
Running AI defense on old hardware leads to "context bloat" and noise.



AI-Generated Risks -
AI speeds up coding but introduces new, unvetted vulnerabilities.




Identity Blind Spots -
Fragmented visibility prevents the real-time risk scoring required to stop an attack.




The Compliance Paradox: -
Balancing rapid AI adoption with global data sovereignty requirements.

The Solution: A Platform for Comprehensive Resilience


The Infosys Cyber Next platform, powered by Zscaler, enables enterprises to deliver a full suite of modern security services through a single, integrated architecture:




Secure & Seamless Access:
Enabling secure branches and a productive, mobile workforce.



Future-Proof Security:
Leading-edge Quantum risk prevention, Security for AI and AI-driven cloud security.



Continuous Data Protection:
Deep SSL inspection to stop data loss across cloud and web.



Advanced Threat & Exposure Management:
AI-powered detection and response to find and fix vulnerabilities before they are exploited.

The Core Pillars: Why It Works

Cyber Next powered by Zscaler is built on a proven Zero Trust operating model that transforms security through three core architectural differentiators:



Posture

Security Context Graph for Observability

Infosys Cyber Next powered by Zscaler provides Security context that forms the foundation for AI-driven cyber defense and Responsible AI by unifying threat intelligence, security posture observability, and cyber risk signals such as data loss, policy violations, risky app usage and suspicious behavior.



Protect

Cyber Next Topaz Fabric Agentic AI Foundry

The AI Agents seamlessly connect to Zscaler leveraging native capabilities for scale and performance. A built-in Responsible AI Moderation Layer powered by Zscaler AI Security and Data Protection to enforce guardrails to prevent risks such as data leakage, prompt injection, hallucinations, bias, and policy violations, enabling secure agent-to-agent collaboration.



Prevent

Digital Assurance through Content Engineering

Infosys brings unmatched cyber domain expertise through 3,000+ automation playbooks, 400+ runbooks, and 100+ delivery templates, developed from engagements with 400+ clients.

THE STRATEGIC OUTCOME: FROM REACTIVE TO PROACTIVE

By fusing the Zscaler Zero Trust Exchange™ with the Infosys Topaz Fabric, Cyber Next delivers a “Secure by Design” architecture at global scale.



OPERATIONAL EXCELLENCE

90% reduction in manual security configurations.



SUPERIOR EXPERIENCE

20%–40% improvement in application performance.



COST EFFICIENCY

Up to 40% reduction in TCO by eliminating physical security hardware.

Experience Co-Innovation: Infosys Living Labs and Applied Research Center

Join us at our Zero Trust Living Labs to see the future of autonomous security in action.



Live Demonstrations:

Experience real-world scenarios of Agentic Ops and automated micro-segmentation through Infosys Living Labs and Cyber Defense Centers



Cyber Applied Research:

Work with our Zscaler PSAs and Infosys Cyber Applied Research (ARC) Team to co-create a transformation strategy tailored to your industry.



Get Started Today

Modernize your enterprise with the power of Agentic AI. Contact an Infosys cyber expert and visit [Infosys CyberSecurity](#) to schedule your transformation workshop.

For more information, contact askus@infosys.com



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